ECS Configuration Change Request

1. Originator Tom Suhrstedt	2. Log Date: 8/15/00	3. CCR #: 00-0840	4. Rev: —	5. Tel: (301)614-5506	6. Rm #: N126E	7. Dept. Sys Eng

8. CCR Title: DUE: Add Origin 200 as test data machine at GSFC DAAC

9. Originator Signature/Date *Tom Suhrstedt* 8/10/00	10. Class II	11. Type: CCR	12. Need Date: 8/24/00
13. Office Manager Signature/Date *Mary Roth*	14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 28). Routine

16. Documentation/Drawings Impacted: 920-TDG-004; 920-TDG-005; 921-TDG-001; 921-TDG-002; 921-TDG-003	17. Schedule Impact:	18. CI(s) Affected:
19. Release Affected by this Change: 5B	20. Date due to Customer:	21. Estimated Cost: None - Under 100K

22. Source Reference: ☐NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☐Other:

23. Problem: (use additional Sheets if necessary)
Glenn Iona (301-614-5285) has requested a machine at the GDAAC to generate test data in support of MOSS testing for the instruments on Aqua (PM-1) and their associated data flows into the DAACs and PGEs. Both the PDR server (g0mog01) and the archive will periodically have data flows to/from this machine.

24. Proposed Solution: (use additional sheets if necessary)
Install a GFE SGI Origin 200 with an attached 200 GB RAID box and tape drive units (i.e. D2, 8mm, 4mm, CDRW) on the GDAAC production network with a PCI Gigabit ethernet card attaching it to the Catalyst Ethernet switch. A user interface may be needed later, but for now this machine will only require an appropriate hostname and an IP address on the 198.118.210.0 network. . System administration support for this system will also be required by the existing DAAC staff. Randy Haynes has tentatively agreed that Gigabit ethernet is an appropriate means of connection.

25. Alternate Solution: (use additional sheets if necessary)
Could use HiPPI to attach (rather than Gigabit ethernet), but this would require significant additional expense and delay.

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
The test efforts would continue to utilize existing DAAC resources, and be slowed by insufficient computing and storage capabilities.

27. Justification for Emergency (If Block 15 is "Emergency"):

28. Site(s) Affected: ☐EDF ☐PVC ☐VATC ☐EDC ☒GSFC ☐LaRC ☐NSIDC ☐SMC ☐AK ☐JPL
☐EOC ☐IDG Test Cell ☐Other

29. Board Comments:		30. Work Assigned To:	31. CCR Closed Date:
32. EDF/SCDV CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS		
33. M&O CCB Chair (Sign/Date): *[signature]* 8/22/00	Disposition: (Approved) App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS		
34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS		

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